

GenCore version 5.1.3  
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OM protein - protein search, using sw model

Run on: February 21, 2003, 12:32:03 ; Search time 30 Seconds  
(without alignments)  
2.071 Million cell updates/sec

Title: SHORT-PEP  
Perfect score: 16  
Sequence: 1 rw 2

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 156504 segs, 31069816 residues

Total number of hits satisfying chosen parameters: 4007/

Minimum DB seg length: 0  
Maximum DB-seg length: 5

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 100 summaries

Database :

Published Applications\_Aa:\*

- 1: /cgn2\_6/ptodata/2/pubpaa/US08\_NEW\_PUB.pep.\*
- 2: /cgn2\_6/ptodata/2/pubpaa/PC1\_NEW\_PUB.pep.\*
- 3: /cgn2\_6/ptodata/2/pubpaa/US06\_NEW\_PUB.pep.\*
- 4: /cgn2\_6/ptodata/2/pubpaa/US06\_PUBCOMB.pep.\*
- 5: /cgn2\_6/ptodata/2/pubpaa/US07\_NEW\_PUB.pep.\*
- 6: /cgn2\_6/ptodata/2/pubpaa/US07\_PUBCOMB.pep.\*
- 7: /cgn2\_6/ptodata/2/pubpaa/PC1US\_PUBCOMB.pep.\*
- 8: /cgn2\_6/ptodata/2/pubpaa/US08\_PUBCOMB.pep.\*
- 9: /cgn2\_6/ptodata/2/pubpaa/US09\_NEW\_PUB.pep.\*
- 10: /cgn2\_6/ptodata/2/pubpaa/US09\_PUBCOMB.pep.\*
- 11: /cgn2\_6/ptodata/2/pubpaa/US10\_NEW\_PUB.pep.\*
- 12: /cgn2\_6/ptodata/2/pubpaa/US10\_PUBCOMB.pep.\*
- 13: /cgn2\_6/ptodata/2/pubpaa/US60\_NEW\_PUB.pep.\*
- 14: /cgn2\_6/ptodata/2/pubpaa/US60\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	16	100.0	4	10	US-09-929-818-206
2	16	100.0	4	12	US-10-040-347-1
3	16	100.0	5	9	US-10-074-956-6
4	16	100.0	5	9	US-10-105-930-75
5	16	100.0	5	9	US-09-903-412-44
6	16	100.0	5	9	US-09-903-412-43
7	16	100.0	5	9	US-09-903-412-46
8	16	100.0	5	9	US-09-903-412-59
9	16	100.0	5	9	US-09-903-412-67
10	16	100.0	5	9	US-09-903-412-74
11	16	100.0	5	9	US-09-903-412-76
12	16	100.0	5	9	US-09-903-412-78
13	16	100.0	5	9	US-09-903-412-80
14	16	100.0	5	9	US-09-903-412-82
15	16	100.0	5	9	US-09-903-412-84
16	16	100.0	5	9	US-09-903-412-86
17	16	100.0	5	9	US-09-903-412-88
18	16	100.0	5	9	US-09-903-412-90
19	16	100.0	5	9	US-09-903-412-92

20	16	100.0	5	9	US-09-903-412-104	Sequence 104, App
21	16	100.0	5	9	US-09-903-412-106	Sequence 106, App
22	16	100.0	5	9	US-09-903-412-108	Sequence 108, App
23	16	100.0	5	10	US-09-096-749A-43	Sequence 43, App1
24	16	100.0	5	10	US-09-096-749A-44	Sequence 44, App1
25	16	100.0	5	10	US-09-096-749A-46	Sequence 46, App1
26	16	100.0	5	10	US-09-096-749A-59	Sequence 59, App1
27	16	100.0	5	10	US-09-096-749A-67	Sequence 67, App1
28	16	100.0	5	10	US-09-096-749A-74	Sequence 74, App1
29	16	100.0	5	10	US-09-096-749A-75	Sequence 75, App1
30	16	100.0	5	10	US-09-096-749A-78	Sequence 78, App1
31	16	100.0	5	10	US-09-096-749A-80	Sequence 80, App1
32	16	100.0	5	10	US-09-096-749A-82	Sequence 82, App1
33	16	100.0	5	10	US-09-096-749A-84	Sequence 84, App1
34	16	100.0	5	10	US-09-096-749A-86	Sequence 86, App1
35	16	100.0	5	10	US-09-096-749A-88	Sequence 88, App1
36	16	100.0	5	10	US-09-096-749A-90	Sequence 90, App1
37	16	100.0	5	10	US-09-096-749A-92	Sequence 92, App1
38	16	100.0	5	10	US-09-096-749A-102	Sequence 102, App
39	16	100.0	5	10	US-09-096-749A-104	Sequence 104, App
40	16	100.0	5	10	US-09-096-749A-106	Sequence 106, App
41	16	100.0	5	10	US-09-096-749A-108	Sequence 108, App
42	16	100.0	5	10	US-09-953-349-1	Sequence 1, App1
43	16	100.0	5	10	US-09-821-831-42	Sequence 42, App1
44	16	100.0	5	10	US-08-484-409-29	Sequence 29, App1
45	13	81.2	4	9	US-10-165-015-10	Sequence 10, App1
46	13	81.2	4	10	US-09-780-070-1	Sequence 1, App1
47	13	81.2	4	10	US-09-780-070-2	Sequence 2, App1
48	13	81.2	4	10	US-09-854-204-66	Sequence 66, App1
49	13	81.2	4	10	US-09-977-831-10	Sequence 10, App1
50	13	81.2	5	9	US-10-105-930-57	Sequence 57, App1
51	13	81.2	5	9	US-09-931-375A-78	Sequence 78, App1
52	13	81.2	5	10	US-09-780-070-6	Sequence 6, App1
53	13	81.2	5	10	US-09-780-070-7	Sequence 7, App1
54	13	81.2	5	10	US-09-993-145-14	Sequence 14, App1
55	12	75.0	5	9	US-09-995-749A-14	Sequence 14, App1
56	12	75.0	5	9	US-10-105-930-71	Sequence 71, App1
57	11	68.8	3	9	US-10-039-876A-6	Sequence 6, App1
58	11	68.8	3	10	US-09-922-261-291	Sequence 291, App
59	11	68.8	3	10	US-09-922-261-405	Sequence 405, App
60	11	68.8	3	10	US-09-982-172-25	Sequence 25, App1
61	11	68.8	4	1	US-08-841-636A-3	Sequence 3, App1
62	11	68.8	4	8	US-08-484-409-5	Sequence 5, App1
63	11	68.8	4	8	US-08-484-409-34	Sequence 34, App1
64	11	68.8	4	8	US-08-981-824-43	Sequence 43, App1
65	11	68.8	4	8	US-08-424-550B-216	Sequence 216, App
66	11	68.8	4	8	US-08-424-550B-314	Sequence 314, App
67	11	68.8	4	8	US-08-424-550B-346	Sequence 346, App
68	11	68.8	4	9	US-09-264-516A-29	Sequence 29, App1
69	11	68.8	4	9	US-09-758-426-58	Sequence 58, App1
70	11	68.8	4	9	US-09-758-426-74	Sequence 74, App1
71	11	68.8	4	9	US-09-758-195-58	Sequence 58, App1
72	11	68.8	4	9	US-09-185-908-24	Sequence 24, App1
73	11	68.8	4	9	US-09-847-101B-19	Sequence 19, App1
74	11	68.8	4	9	US-10-078-195-30	Sequence 30, App1
75	11	68.8	4	9	US-10-087-195-1	Sequence 1, App1
76	11	68.8	4	9	US-10-087-195-2	Sequence 2, App1
77	11	68.8	4	9	US-10-087-195-4	Sequence 4, App1
78	11	68.8	4	9	US-10-087-195-5	Sequence 5, App1
79	11	68.8	4	9	US-10-084-832-3	Sequence 3, App1
80	11	68.8	4	9	US-10-094-643-3	Sequence 3, App1
81	11	68.8	4	9	US-09-262-126C-9	Sequence 9, App1
82	11	68.8	4	9	US-09-575-847-14	Sequence 14, App1
83	11	68.8	4	9	US-10-087-905-24	Sequence 24, App1
84	11	68.8	4	9	US-10-245-803-9	Sequence 9, App1
85	11	68.8	4	9	US-09-376-430-30	Sequence 30, App1
86	11	68.8	4	9	US-10-119-537-8	Sequence 8, App1
87	11	68.8	4	9	US-10-119-537-13	Sequence 13, App1
88	11	68.8	4	10	US-09-736-611-1	Sequence 1, App1
89	11	68.8	4	10	US-09-736-611-2	Sequence 2, App1
90	11	68.8	4	10	US-09-756-527-196	Sequence 196, App
91	11	68.8	4	10	US-09-871-212-2	Sequence 2, App1
92	11	68.8	4	10	US-09-808-037-4	Sequence 4, App1

93	11	68.8	4	10	US-09-155-076-4	Sequence 4, Appl
94	11	68.8	4	10	US-09-155-076-5	Sequence 5, Appl
95	11	68.8	4	10	US-09-853-918-11	Sequence 11, Appl
96	11	68.8	4	10	US-09-853-918-19	Sequence 19, Appl
97	11	68.8	4	10	US-09-782-980-112	Sequence 112, Appl
98	11	68.8	4	10	US-09-741-148A-113	Sequence 13, Appl
99	11	68.8	4	10	US-09-682-667-12	Sequence 12, Appl
100	11	68.8	4	10	US-09-682-667-13	Sequence 13, Appl

## ALIGNMENTS

RESULT 1  
US-09-929-818-206

```

; Sequence 206, Application US/09929818
; Patent No. US20020099003A1
; GENERAL INFORMATION:
; APPLICANT: WILSON, LELAND F.
; APPLICANT: PLACE, VIRGIL A.
; TITLE OF INVENTION: TREATMENT OF FEMALE SEXUAL DYSFUNCTION WITH VASOACTIVE
; TITLE OF INVENTION: AGENTS, PARTICULARLY VASOACTIVE INTESTINAL POLYPEPTIDE
; FILE REFERENCE: 9050-0013.24
; CURRENT APPLICATION NUMBER: US/09/929,818
; PRIOR APPLICATION NUMBER: 09/498,522
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 09/181,316
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 08/959,064
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 08/959,057
; PRIOR FILING DATE: 1997-10-28
; NUMBER OF SEQ ID NOS: 207
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 206
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of unknown Organism: Melanocortln
; OTHER INFORMATION: peptide
US-09-929-818-206

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Query Match 100.0%; Score 16; DB 10; Length 4;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2  
||  
Db 3 RW 4

RESULT 2  
US-10-040-547-1

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; Sequence 1, Application US/10040547
; Patent No. US20020107182A1
; GENERAL INFORMATION:
; APPLICANT: Palatin Technologies, Inc.
; APPLICANT: Blood, Christine
; APPLICANT: Shadick, Annette
; APPLICANT: Bernstein, Joanna K.
; TITLE OF INVENTION: Compositions and Methods for Treatment of Sexual
; TITLE OF INVENTION: Dysfunction
; FILE REFERENCE: 70025-04-CIP
; CURRENT APPLICATION NUMBER: US/10/040,547
; PRIOR APPLICATION NUMBER: 2002-01-04
; PRIOR FILING DATE: 2002-01-04
; PRIOR APPLICATION NUMBER: 60/142,346
; PRIOR FILING DATE: 1999-06-29
; PRIOR APPLICATION NUMBER: 60/194,987
; PRIOR FILING DATE: 2000-04-05

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; PRIOR APPLICATION NUMBER: PCT/US00/18217
; PRIOR FILING DATE: 2000-06-29
; PRIOR APPLICATION NUMBER: 09/606,501
; PRIOR FILING DATE: 2000-06-28
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 1
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial
; OTHER INFORMATION: Sequence:alpha-melanocyte-stimulation hormone
US-10-040-547-1

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Query Match 100.0%; Score 16; DB 12; Length 4;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2  
||  
Db 3 RW 4

```

RESULT 3
US-10-074-956-6
; Sequence 6, Application US/10074956
; Publication No. US20020193332A1
; GENERAL INFORMATION:
; APPLICANT: Hedley, Mary Lynne
; TITLE OF INVENTION: METHODS OF TREATING BLADDER DISORDERS
; FILE REFERENCE: 08191-022001
; CURRENT APPLICATION NUMBER: US/10/074,956
; PRIOR FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: 60/268,175
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-074-956-6

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Query Match 100.0%; Score 16; DB 9; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2  
||  
Db 4 RW 5

RESULT 4  
US-10-105-930-75

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; Sequence 75, Application US/10105930
; Publication No. US20030009018A1
; GENERAL INFORMATION:
; APPLICANT: Maeda, Masatsugu
; TITLE OF INVENTION: NOVEL HEMOPOIETIN RECEPTOR PROTEIN, NR12
; FILE REFERENCE: 06501-105051
; CURRENT APPLICATION NUMBER: US/10/105,930
; PRIOR FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER: PCT/JP00/06654
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: JP 2000-240397
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: JP 11-273358
; PRIOR FILING DATE: 1999-09-27
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: FastSeq for Windows Version 4.0

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; SEQ ID NO 75  
; LENGTH: 5  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-105-930-75

Query Match 100.0%; Score 16; DB 9; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
||  
DB 3 RW 4

RESULT 5  
US-09-903-412-43  
; Sequence 43, Application US/09903412  
; Publication No. US20030027319A1  
; GENERAL INFORMATION:  
; APPLICANT: Koide, Shohel  
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
; FILE REFERENCE: 109.050US1  
; CURRENT APPLICATION NUMBER: US/09/903,412  
; PRIOR FILING DATE: 2001-07-11  
; PRIOR APPLICATION NUMBER: US 60/217,474  
; NUMBER OF SEQ ID NOS: 121  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 43  
; LENGTH: 5  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: The sequence of the BC loop of ubiquitin-binding  
US-09-903-412-43

Query Match 100.0%; Score 16; DB 9; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
||  
DB 2 RW 3

RESULT 6  
US-09-903-412-44  
; Sequence 44, Application US/09903412  
; Publication No. US20030027319A1  
; GENERAL INFORMATION:  
; APPLICANT: Koide, Shohel  
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
; FILE REFERENCE: 109.050US1  
; CURRENT APPLICATION NUMBER: US/09/903,412  
; PRIOR FILING DATE: 2001-07-11  
; PRIOR APPLICATION NUMBER: US 60/217,474  
; PRIOR FILING DATE: 2000-07-11  
; NUMBER OF SEQ ID NOS: 121  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 44  
; LENGTH: 5  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: The sequence of the FG loop of ubiquitin-binding  
US-09-903-412-44

Query Match 100.0%; Score 16; DB 9; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
||  
DB 2 RW 3

RESULT 7  
US-09-903-412-46  
; Sequence 46, Application US/09903412  
; Publication No. US20030027319A1  
; GENERAL INFORMATION:  
; APPLICANT: Koide, Shohel  
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
; FILE REFERENCE: 109.050US1  
; CURRENT APPLICATION NUMBER: US/09/903,412  
; PRIOR FILING DATE: 2001-07-11  
; PRIOR APPLICATION NUMBER: US 60/217,474  
; NUMBER OF SEQ ID NOS: 121  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 46  
; LENGTH: 5  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: The sequence of the FG loop of ubiquitin-binding  
US-09-903-412-46

Query Match 100.0%; Score 16; DB 9; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
||  
DB 2 RW 3

RESULT 8  
US-09-903-412-59  
; Sequence 59, Application US/09903412  
; Publication No. US20030027319A1  
; GENERAL INFORMATION:  
; APPLICANT: Koide, Shohel  
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
; FILE REFERENCE: 109.050US1  
; CURRENT APPLICATION NUMBER: US/09/903,412  
; PRIOR FILING DATE: 2001-07-11  
; PRIOR APPLICATION NUMBER: US 60/217,474  
; NUMBER OF SEQ ID NOS: 121  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 59  
; LENGTH: 5  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: The sequence of the BC loop of clone pLB24.6.  
US-09-903-412-59

Query Match 100.0%; Score 16; DB 9; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
||  
DB 1 RW 2

RESULT 9  
US-09-903-412-67  
; Sequence 67, Application US/09903412  
; Publication No. US20030027319A1

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; GENERAL INFORMATION:
; APPLICANT: Koide, Shohel
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
; FILE REFERENCE: 109.050US1
; CURRENT APPLICATION NUMBER: US/09/903,412
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: US 60/217,474
; PRIOR FILING DATE: 2000-07-11
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 67
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: The sequence of the BC loop of clone pLB24.11.
US-09-903-412-67

Query Match      100.0%; Score 16; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.3e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2
   ||
DB 2 RW 3

RESULT 10
US-09-903-412-74
; Sequence 74, Application US/09903412
; Publication No. US20030027319A1
; GENERAL INFORMATION:
; APPLICANT: Koide, Shohel
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
; FILE REFERENCE: 109.050US1
; CURRENT APPLICATION NUMBER: US/09/903,412
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: US 60/217,474
; PRIOR FILING DATE: 2000-07-11
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 74
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: The sequence of the FG loop of clone pLB25.1.
US-09-903-412-74

Query Match      100.0%; Score 16; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.3e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2
   ||
DB 2 RW 3

RESULT 11
US-09-903-412-76
; Sequence 76, Application US/09903412
; Publication No. US20030027319A1
; GENERAL INFORMATION:
; APPLICANT: Koide, Shohel
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
; FILE REFERENCE: 109.050US1
; CURRENT APPLICATION NUMBER: US/09/903,412
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: US 60/217,474
; PRIOR FILING DATE: 2000-07-11
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 76
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; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: The sequence of the FG loop of clone pLB25.2.
US-09-903-412-76

Query Match      100.0%; Score 16; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.3e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2
   ||
DB 2 RW 3

RESULT 12
US-09-903-412-78
; Sequence 78, Application US/09903412
; Publication No. US20030027319A1
; GENERAL INFORMATION:
; APPLICANT: Koide, Shohel
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
; FILE REFERENCE: 109.050US1
; CURRENT APPLICATION NUMBER: US/09/903,412
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: US 60/217,474
; PRIOR FILING DATE: 2000-07-11
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 78
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: The sequence of the FG loop of clone pLB25.3.
US-09-903-412-78

Query Match      100.0%; Score 16; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.3e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2
   ||
DB 2 RW 3

RESULT 13
US-09-903-412-80
; Sequence 80, Application US/09903412
; Publication No. US20030027319A1
; GENERAL INFORMATION:
; APPLICANT: Koide, Shohel
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
; FILE REFERENCE: 109.050US1
; CURRENT APPLICATION NUMBER: US/09/903,412
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: US 60/217,474
; PRIOR FILING DATE: 2000-07-11
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 80
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: The sequence of the FG loop of clone pLB25.4.
US-09-903-412-80

Query Match      100.0%; Score 16; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.3e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

OY 1 RW 2  
DB 3 RW 4

RESULT 14  
US-09-903-412-82  
; Sequence 82, Application US/09903412  
; Publication No. US20030027319A1  
; GENERAL INFORMATION:  
; APPLICANT: Koide, Shohei  
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
; FILE REFERENCE: 109.0500S1  
; CURRENT APPLICATION NUMBER: US/09/903,412  
; CURRENT FILING DATE: 2001-07-11  
; PRIOR APPLICATION NUMBER: US 60/217,474  
; PRIOR FILING DATE: 2000-07-11  
; NUMBER OF SEQ ID NOS: 121  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 82  
; LENGTH: 5  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; OTHER INFORMATION: The sequence of the FG loop of clone pLB25.5.  
US-09-903-412-82

Query Match 100.0%; Score 16; DB 9; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2  
DB 2 RW 3

RESULT 15  
US-09-903-412-84  
; Sequence 84, Application US/09903412  
; Publication No. US20030027319A1  
; GENERAL INFORMATION:  
; APPLICANT: Koide, Shohei  
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
; FILE REFERENCE: 109.0500S1  
; CURRENT APPLICATION NUMBER: US/09/903,412  
; CURRENT FILING DATE: 2001-07-11  
; PRIOR APPLICATION NUMBER: US 60/217,474  
; PRIOR FILING DATE: 2000-07-11  
; NUMBER OF SEQ ID NOS: 121  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 84  
; LENGTH: 5  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; OTHER INFORMATION: The sequence of the FG loop of clone pLB25.6.  
US-09-903-412-84

Query Match 100.0%; Score 16; DB 9; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2  
DB 2 RW 3

RESULT 16  
US-09-903-412-86  
; Sequence 86, Application US/09903412  
; Publication No. US20030027319A1  
; GENERAL INFORMATION:  
; APPLICANT: Koide, Shohei

; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
; FILE REFERENCE: 109.0500S1  
; CURRENT APPLICATION NUMBER: US/09/903,412  
; CURRENT FILING DATE: 2001-07-11  
; PRIOR APPLICATION NUMBER: US 60/217,474  
; PRIOR FILING DATE: 2000-07-11  
; NUMBER OF SEQ ID NOS: 121  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 86  
; LENGTH: 5  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; OTHER INFORMATION: The sequence of the FG loop of clone pLB25.7.  
US-09-903-412-86

Query Match 100.0%; Score 16; DB 9; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2  
DB 3 RW 4

RESULT 17  
US-09-903-412-88  
; Sequence 88, Application US/09903412  
; Publication No. US20030027319A1  
; GENERAL INFORMATION:  
; APPLICANT: Koide, Shohei  
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
; FILE REFERENCE: 109.0500S1  
; CURRENT APPLICATION NUMBER: US/09/903,412  
; CURRENT FILING DATE: 2001-07-11  
; PRIOR APPLICATION NUMBER: US 60/217,474  
; PRIOR FILING DATE: 2000-07-11  
; NUMBER OF SEQ ID NOS: 121  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 88  
; LENGTH: 5  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; OTHER INFORMATION: The sequence of the FG loop of clone pLB25.9.  
US-09-903-412-88

Query Match 100.0%; Score 16; DB 9; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2  
DB 3 RW 4

RESULT 18  
US-09-903-412-90  
; Sequence 90, Application US/09903412  
; Publication No. US20030027319A1  
; GENERAL INFORMATION:  
; APPLICANT: Koide, Shohei  
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
; FILE REFERENCE: 109.0500S1  
; CURRENT APPLICATION NUMBER: US/09/903,412  
; CURRENT FILING DATE: 2001-07-11  
; PRIOR APPLICATION NUMBER: US 60/217,474  
; PRIOR FILING DATE: 2000-07-11  
; NUMBER OF SEQ ID NOS: 121  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 90  
; LENGTH: 5  
; TYPE: PRT

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: The sequence of the FG loop of clone pLB25.11.
US-09-903-412-90
```

```
Query Match      100.0%; Score 16; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.3e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2
   11
DB 2 RW 3
```

```
RESULT 19
US-09-903-412-92
; Sequence 92, Application US/09903412
; Publication No. US20030027319A1
; GENERAL INFORMATION:
; APPLICANT: Koide, Shohel
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
; FILE REFERENCE: 109.050US1
; CURRENT APPLICATION NUMBER: US/09/903,412
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: US 60/217,474
; PRIOR FILING DATE: 2000-07-11
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 92
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: The sequence of the FG loop of clone pLB25.12.
US-09-903-412-92
```

```
Query Match      100.0%; Score 16; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.3e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2
   11
DB 3 RW 4
```

```
RESULT 20
US-09-903-412-104
; Sequence 104, Application US/09903412
; Publication No. US20030027319A1
; GENERAL INFORMATION:
; APPLICANT: Koide, Shohel
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
; FILE REFERENCE: 109.050US1
; CURRENT APPLICATION NUMBER: US/09/903,412
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: US 60/217,474
; PRIOR FILING DATE: 2000-07-11
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 104
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: The sequence of the FG loop of clone 2 from Table
; OTHER INFORMATION: 7.
US-09-903-412-104
```

```
Query Match      100.0%; Score 16; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.3e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2
```

```
DB 2 RW 3
```

```
RESULT 21
US-09-903-412-106
; Sequence 106, Application US/09903412
; Publication No. US20030027319A1
; GENERAL INFORMATION:
; APPLICANT: Koide, Shohel
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
; FILE REFERENCE: 109.050US1
; CURRENT APPLICATION NUMBER: US/09/903,412
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: US 60/217,474
; PRIOR FILING DATE: 2000-07-11
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 106
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: The sequence of the BC loop of clone 3 from Table
US-09-903-412-106
```

```
Query Match      100.0%; Score 16; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.3e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2
   11
DB 2 RW 3
```

```
RESULT 22
US-09-903-412-108
; Sequence 108, Application US/09903412
; Publication No. US20030027319A1
; GENERAL INFORMATION:
; APPLICANT: Koide, Shohel
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
; FILE REFERENCE: 109.050US1
; CURRENT APPLICATION NUMBER: US/09/903,412
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: US 60/217,474
; PRIOR FILING DATE: 2000-07-11
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 108
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: The sequence of the FG loop of clone 3 from Table
US-09-903-412-108
```

```
Query Match      100.0%; Score 16; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.3e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2
   11
DB 2 RW 3
```

```
RESULT 23
US-09-096-749A-43
; Sequence 43, Application US/09096749A
; Patent No. US20020019517A1
; GENERAL INFORMATION:
```

APPLICANT: Koleda, Shohel  
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
NUMBER OF SEQUENCES: 118  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.  
STREET: 121 South Eighth Street, Ste. 1600  
CITY: Minneapolis  
STATE: MN  
COUNTRY: USA  
ZIP: 55402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 2.0b  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/096,749A  
FILING DATE: June 12, 1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Ann S. Viksnins  
REGISTRATION NUMBER: 37,748  
REFERENCE/DOCKET NUMBER: 109.034US1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (612) 373-6900  
TELEFAX: (612) 339-3061  
INFORMATION FOR SEQ ID NO: 43:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: Internal  
ORIGINAL SOURCE:  
US-09-096-749A-43

Query Match 100.0%; Score 16; DB 10; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
11  
DB 2 RW 3

RESULT 24  
US-09-096-749A-44  
Sequence 44, Application US/09096749A  
Patent No. US20020019517A1  
GENERAL INFORMATION:  
APPLICANT: Koleda, Shohel  
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
NUMBER OF SEQUENCES: 118  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.  
STREET: 121 South Eighth Street, Ste. 1600  
CITY: Minneapolis  
STATE: MN  
COUNTRY: USA  
ZIP: 55402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 2.0b  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/096,749A  
FILING DATE: June 12, 1998

PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Ann S. Viksnins  
REGISTRATION NUMBER: 37,748  
REFERENCE/DOCKET NUMBER: 109.034US1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (612) 373-6900  
TELEFAX: (612) 339-3061  
INFORMATION FOR SEQ ID NO: 44:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: Internal  
ORIGINAL SOURCE:  
US-09-096-749A-44

Query Match 100.0%; Score 16; DB 10; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
11  
DB 2 RW 3

RESULT 25  
US-09-096-749A-46  
Sequence 46, Application US/09096749A  
Patent No. US20020019517A1  
GENERAL INFORMATION:  
APPLICANT: Koleda, Shohel  
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
NUMBER OF SEQUENCES: 118  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.  
STREET: 121 South Eighth Street, Ste. 1600  
CITY: Minneapolis  
STATE: MN  
COUNTRY: USA  
ZIP: 55402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 2.0b  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/096,749A  
FILING DATE: June 12, 1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Ann S. Viksnins  
REGISTRATION NUMBER: 37,748  
REFERENCE/DOCKET NUMBER: 109.034US1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (612) 373-6900  
TELEFAX: (612) 339-3061  
INFORMATION FOR SEQ ID NO: 46:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
HYPOTHETICAL: NO

ANTI-SENSE: NO  
FRAGMENT TYPE: Internal  
ORIGINAL SOURCE:  
US-09-096-749A-46

Query Match 100.0%; Score 16; DB 10; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 RW 2  
11  
Db 2 RW 3

RESULT 26  
US-09-096-749A-59  
Sequence 59, Application US/09096749A  
Patent No. US20020019517A1

GENERAL INFORMATION:  
APPLICANT: Koleda, Shohel  
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
NUMBER OF SEQUENCES: 118  
CORRESPONDENCE ADDRESS:  
ADDRESS: Schwegman, Lundberg, Woessner & Kluth P.A.  
STREET: 121 South Eighth Street, Ste. 1600  
CITY: Minneapolis  
STATE: MN  
COUNTRY: USA  
ZIP: 55402

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ Version 2.0b  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/096,749A  
FILING DATE: June 12, 1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Ann S. Vikensins  
REGISTRATION NUMBER: 37,748  
REFERENCE/DOCKET NUMBER: 109.034US1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (612) 373-6900  
TELEFAX: (612) 339-3061  
INFORMATION FOR SEQ ID NO: 59:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: Internal  
ORIGINAL SOURCE:  
US-09-096-749A-59

Query Match

Best Local Similarity 100.0%; Score 16; DB 10; Length 5;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 RW 2  
11  
Db 1 RW 2

RESULT 27  
US-09-096-749A-67  
Sequence 67, Application US/09096749A  
Patent No. US20020019517A1

GENERAL INFORMATION:  
APPLICANT: Koleda, Shohel  
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
NUMBER OF SEQUENCES: 118  
CORRESPONDENCE ADDRESS:  
ADDRESS: Schwegman, Lundberg, Woessner & Kluth P.A.  
STREET: 121 South Eighth Street, Ste. 1600  
CITY: Minneapolis  
STATE: MN  
COUNTRY: USA  
ZIP: 55402

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ Version 2.0b  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/096,749A  
FILING DATE: June 12, 1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Ann S. Vikensins  
REGISTRATION NUMBER: 37,748  
REFERENCE/DOCKET NUMBER: 109.034US1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (612) 373-6900  
TELEFAX: (612) 339-3061  
INFORMATION FOR SEQ ID NO: 67:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: Internal  
ORIGINAL SOURCE:  
US-09-096-749A-67

Query Match

Best Local Similarity 100.0%; Score 16; DB 10; Length 5;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 RW 2  
11  
Db 2 RW 3

RESULT 28  
US-09-096-749A-74  
Sequence 74, Application US/09096749A  
Patent No. US20020019517A1

GENERAL INFORMATION:  
APPLICANT: Koleda, Shohel  
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
NUMBER OF SEQUENCES: 118  
CORRESPONDENCE ADDRESS:  
ADDRESS: Schwegman, Lundberg, Woessner & Kluth P.A.  
STREET: 121 South Eighth Street, Ste. 1600  
CITY: Minneapolis  
STATE: MN  
COUNTRY: USA  
ZIP: 55402

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ Version 2.0b  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/096,749A



FILING DATE: June 12, 1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Ann S. Vlkshins  
REGISTRATION NUMBER: 37,748  
REFERENCE/DOCKET NUMBER: 109,034US1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (612) 373-6900  
TELEFAX: (612) 339-3061  
INFORMATION FOR SEQ. ID NO: 74:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: Internal  
ORIGINAL SOURCE:  
US-09-096-749A-74

Query Match 100.0%; Score 16; DB 10; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2  
11  
DB 2 RW 3

RESULT 29  
US-09-096-749A-76  
Sequence 76, Application US/09096749A  
Patent No. US20020019517A1  
GENERAL INFORMATION:  
APPLICANT: Koleda, Shohel  
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
NUMBER OF SEQUENCES: 118  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.  
STREET: 121 South Eighth Street, Ste. 1600  
CITY: Minneapolis  
STATE: MN  
COUNTRY: USA  
ZIP: 55402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 2.0b  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/096,749A  
FILING DATE: June 12, 1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Ann S. Vlkshins  
REGISTRATION NUMBER: 37,748  
REFERENCE/DOCKET NUMBER: 109,034US1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (612) 373-6900  
TELEFAX: (612) 339-3061  
INFORMATION FOR SEQ. ID NO: 76:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide

HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: Internal  
ORIGINAL SOURCE:  
US-09-096-749A-76

Query Match 100.0%; Score 16; DB 10; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2  
11  
DB 2 RW 3

RESULT 30  
US-09-096-749A-78  
Sequence 78, Application US/09096749A  
Patent No. US20020019517A1  
GENERAL INFORMATION:  
APPLICANT: Koleda, Shohel  
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
NUMBER OF SEQUENCES: 118  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.  
STREET: 121 South Eighth Street, Ste. 1600  
CITY: Minneapolis  
STATE: MN  
COUNTRY: USA  
ZIP: 55402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 2.0b  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/096,749A  
FILING DATE: June 12, 1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Ann S. Vlkshins  
REGISTRATION NUMBER: 37,748  
REFERENCE/DOCKET NUMBER: 109,034US1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (612) 373-6900  
TELEFAX: (612) 339-3061  
INFORMATION FOR SEQ. ID NO: 78:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: Internal  
ORIGINAL SOURCE:  
US-09-096-749A-78

Query Match 100.0%; Score 16; DB 10; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2  
11  
DB 2 RW 3

RESULT 31  
US-09-096-749A-80  
Sequence 80, Application US/09096749A

Patent No. US20020019517A1  
GENERAL INFORMATION:  
APPLICANT: Koleda, Shohel  
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
NUMBER OF SEQUENCES: 118  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.  
STREET: 121 South Eighth Street, Ste. 1600  
CITY: Minneapolis  
STATE: MN  
COUNTRY: USA  
ZIP: 55402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 2.0b  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/096,749A  
FILING DATE: June 12, 1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Ann S. Viksnins  
REGISTRATION NUMBER: 37,748  
REFERENCE/DOCKET NUMBER: 109.034US1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (612) 373-6900  
TELEFAX: (612) 339-3061  
INFORMATION FOR SEQ ID NO: 80:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: Internal  
ORIGINAL SOURCE:  
US-09-096-749A-80

Query Match 100.0%; Score 16; DB 10; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
||  
DB 3 RW 4

RESULT 32  
US-09-096-749A-82  
Sequence 82, Application US/09096749A  
Patent No. US20020019517A1  
GENERAL INFORMATION:  
APPLICANT: Koleda, Shohel  
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
NUMBER OF SEQUENCES: 118  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.  
STREET: 121 South Eighth Street, Ste. 1600  
CITY: Minneapolis  
STATE: MN  
COUNTRY: USA  
ZIP: 55402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 2.0b  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Ann S. Viksnins  
REGISTRATION NUMBER: 37,748  
REFERENCE/DOCKET NUMBER: 109.034US1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (612) 373-6900  
TELEFAX: (612) 339-3061  
INFORMATION FOR SEQ ID NO: 84:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear

APPLICATION NUMBER: US/09/096,749A  
FILING DATE: June 12, 1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Ann S. Viksnins  
REGISTRATION NUMBER: 37,748  
REFERENCE/DOCKET NUMBER: 109.034US1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (612) 373-6900  
TELEFAX: (612) 339-3061  
INFORMATION FOR SEQ ID NO: 82:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: Internal  
ORIGINAL SOURCE:  
US-09-096-749A-82

Query Match 100.0%; Score 16; DB 10; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
||  
DB 2 RW 3

RESULT 33  
US-09-096-749A-84  
Sequence 84, Application US/09096749A  
Patent No. US20020019517A1  
GENERAL INFORMATION:  
APPLICANT: Koleda, Shohel  
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
NUMBER OF SEQUENCES: 118  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.  
STREET: 121 South Eighth Street, Ste. 1600  
CITY: Minneapolis  
STATE: MN  
COUNTRY: USA  
ZIP: 55402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 2.0b  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/096,749A  
FILING DATE: June 12, 1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Ann S. Viksnins  
REGISTRATION NUMBER: 37,748  
REFERENCE/DOCKET NUMBER: 109.034US1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (612) 373-6900  
TELEFAX: (612) 339-3061  
INFORMATION FOR SEQ ID NO: 84:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear

; MOLECULE TYPE: peptide  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; FRAGMENT TYPE: Internal  
; ORIGINAL SOURCE:  
US-09-096-749A-84

Query Match 100.0%; Score 16; DB 10; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2  
11  
DB 2 RW 3

RESULT 34  
US-09-096-749A-86  
; Sequence 86, Application US/09096749A  
; Patent No. US20020019517A1  
; GENERAL INFORMATION:  
; APPLICANT: Koloda, Shohel  
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
; NUMBER OF SEQUENCES: 118  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.  
; STREET: 121 South Eighth Street, Ste. 1600  
; CITY: Minneapolis  
; STATE: MN  
; COUNTRY: USA  
; ZIP: 55402  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSEQ Version 2.0b  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/096,749A  
; FILING DATE: June 12, 1998  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Ann S. Vlkshins  
; REGISTRATION NUMBER: 37,748  
; REFERENCE/DOCKET NUMBER: 109.034US1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (612) 373-6900  
; TELEFAX: (612) 339-3061  
; INFORMATION FOR SEQ ID NO: 86:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 5 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: peptide  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; FRAGMENT TYPE: Internal  
; ORIGINAL SOURCE:  
US-09-096-749A-86

Query Match 100.0%; Score 16; DB 10; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2  
11  
DB 3 RW 4

RESULT 35  
US-09-096-749A-88

; Sequence 88, Application US/09096749A  
; Patent No. US20020019517A1  
; GENERAL INFORMATION:  
; APPLICANT: Koloda, Shohel  
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
; NUMBER OF SEQUENCES: 118  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.  
; STREET: 121 South Eighth Street, Ste. 1600  
; CITY: Minneapolis  
; STATE: MN  
; COUNTRY: USA  
; ZIP: 55402  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSEQ Version 2.0b  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/096,749A  
; FILING DATE: June 12, 1998  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Ann S. Vlkshins  
; REGISTRATION NUMBER: 37,748  
; REFERENCE/DOCKET NUMBER: 109.034US1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (612) 373-6900  
; TELEFAX: (612) 339-3061  
; INFORMATION FOR SEQ ID NO: 88:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 5 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: peptide  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; FRAGMENT TYPE: Internal  
; ORIGINAL SOURCE:  
US-09-096-749A-88

Query Match 100.0%; Score 16; DB 10; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2  
11  
DB 3 RW 4

RESULT 36  
US-09-096-749A-90  
; Sequence 90, Application US/09096749A  
; Patent No. US20020019517A1  
; GENERAL INFORMATION:  
; APPLICANT: Koloda, Shohel  
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
; NUMBER OF SEQUENCES: 118  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.  
; STREET: 121 South Eighth Street, Ste. 1600  
; CITY: Minneapolis  
; STATE: MN  
; COUNTRY: USA  
; ZIP: 55402  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSEQ Version 2.0b

```
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/096.749A
;; FILING DATE: June 12, 1998
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER:
;; FILING DATE:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Ann S. Viksnins
;; REGISTRATION NUMBER: 37,748
;; REFERENCE/DOCKET NUMBER: 109.034US1
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (612) 373-6900
;; TELEFAX: (612) 339-3061
;; INFORMATION FOR SEQ ID NO: 90:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 5 amino acids
;; TYPE: amino acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: peptide
;; HYPOTHEICAL: NO
;; ANTI-SENSE: NO
;; FRAGMENT TYPE: Internal
;; ORIGINAL SOURCE:
US-09-096-749A-90
```

```
Query Match 100.0%; Score 16; DB 10; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.3e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1 RW 2
   11
Db 2 RW 3
```

```
RESULT 37
US-09-096-749A-92
;; Sequence 92, Application US/09096749A
;; Patent No. US20020019517A1
;; GENERAL INFORMATION:
;; APPLICANT: Koleda, Shohel
;; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
;; NUMBER OF SEQUENCES: 118
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Schweegman, Lundberg, Woessner & Kluth P.A.
;; STREET: 121 South Eighth Street, Ste. 1600
;; CITY: Minneapolis
;; STATE: MN
;; COUNTRY: USA
;; ZIP: 55402
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Diskette
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: DOS
;; SOFTWARE: FastSeq Version 2.0b
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/096.749A
;; FILING DATE: June 12, 1998
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER:
;; FILING DATE:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Ann S. Viksnins
;; REGISTRATION NUMBER: 37,748
;; REFERENCE/DOCKET NUMBER: 109.034US1
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (612) 373-6900
;; TELEFAX: (612) 339-3061
;; INFORMATION FOR SEQ ID NO: 92:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 5 amino acids
;; TYPE: amino acid
;; STRANDEDNESS: single
```

```
;; TOPOLOGY: linear
;; MOLECULE TYPE: peptide
;; HYPOTHEICAL: NO
;; ANTI-SENSE: NO
;; FRAGMENT TYPE: Internal
;; ORIGINAL SOURCE:
US-09-096-749A-92
```

```
Query Match 100.0%; Score 16; DB 10; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.3e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1 RW 2
   11
Db 3 RW 4
```

```
RESULT 38
US-09-096-749A-102
;; Sequence 102, Application US/09096749A
;; Patent No. US20020019517A1
;; GENERAL INFORMATION:
;; APPLICANT: Koleda, Shohel
;; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
;; NUMBER OF SEQUENCES: 118
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Schweegman, Lundberg, Woessner & Kluth P.A.
;; STREET: 121 South Eighth Street, Ste. 1600
;; CITY: Minneapolis
;; STATE: MN
;; COUNTRY: USA
;; ZIP: 55402
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Diskette
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: DOS
;; SOFTWARE: FastSeq Version 2.0b
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/096.749A
;; FILING DATE: June 12, 1998
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER:
;; FILING DATE:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Ann S. Viksnins
;; REGISTRATION NUMBER: 37,748
;; REFERENCE/DOCKET NUMBER: 109.034US1
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (612) 373-6900
;; TELEFAX: (612) 339-3061
;; INFORMATION FOR SEQ ID NO: 102:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 5 amino acids
;; TYPE: amino acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: peptide
;; HYPOTHEICAL: NO
;; ANTI-SENSE: NO
;; FRAGMENT TYPE: Internal
;; ORIGINAL SOURCE:
US-09-096-749A-102
```

```
Query Match 100.0%; Score 16; DB 10; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.3e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1 RW 2
   11
Db 3 RW 4
```

```
RESULT 39
```

US-09-096-749A-104  
Sequence 104, Application US/09096749A  
Patent No. US20020019517A1  
GENERAL INFORMATION:  
APPLICANT: Kojeda, Shohel  
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
NUMBER OF SEQUENCES: 118  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.  
STREET: 121 South Eighth Street, Ste. 1600  
CITY: Minneapolis  
STATE: MN  
COUNTRY: USA  
ZIP: 55402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 2.0b  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/096,749A  
FILING DATE: June 12, 1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Ann S. Viksnins  
REGISTRATION NUMBER: 37,748  
REFERENCE/DOCKET NUMBER: 109,034US1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (612) 373-6900  
TELEFAX: (612) 339-3061  
INFORMATION FOR SEQ ID NO: 104:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: Internal  
ORIGINAL SOURCE:  
US-09-096-749A-104

Query Match 100.0%; Score 16; DB 10; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
11  
Db 2 RW 3

RESULT 40  
US-09-096-749A-106  
Sequence 106, Application US/09096749A  
Patent No. US20020019517A1  
GENERAL INFORMATION:  
APPLICANT: Kojeda, Shohel  
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
NUMBER OF SEQUENCES: 118  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.  
STREET: 121 South Eighth Street, Ste. 1600  
CITY: Minneapolis  
STATE: MN  
COUNTRY: USA  
ZIP: 55402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
OPERATING SYSTEM: DOS

SOFTWARE: FastSeq Version 2.0b  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/096,749A  
FILING DATE: June 12, 1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Ann S. Viksnins  
REGISTRATION NUMBER: 37,748  
REFERENCE/DOCKET NUMBER: 109,034US1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (612) 373-6900  
TELEFAX: (612) 339-3061  
INFORMATION FOR SEQ ID NO: 106:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: Internal  
ORIGINAL SOURCE:  
US-09-096-749A-106

Query Match 100.0%; Score 16; DB 10; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
11  
Db 2 RW 3

RESULT 41  
US-09-096-749A-108  
Sequence 108, Application US/09096749A  
Patent No. US20020019517A1  
GENERAL INFORMATION:  
APPLICANT: Kojeda, Shohel  
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
NUMBER OF SEQUENCES: 118  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.  
STREET: 121 South Eighth Street, Ste. 1600  
CITY: Minneapolis  
STATE: MN  
COUNTRY: USA  
ZIP: 55402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 2.0b  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/096,749A  
FILING DATE: June 12, 1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Ann S. Viksnins  
REGISTRATION NUMBER: 37,748  
REFERENCE/DOCKET NUMBER: 109,034US1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (612) 373-6900  
TELEFAX: (612) 339-3061  
INFORMATION FOR SEQ ID NO: 108:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid

STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: internal  
ORIGINAL SOURCE:  
US-09-096-749A-108

Query Match 100.0%; Score 16; DB 10; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
11  
DB 2 RW 3

RESULT 42  
US-09-953-349-1  
Sequence 1, Application US/09953349  
Patent No. US20020099014A1  
GENERAL INFORMATION:  
APPLICANT: Brennan, Miles  
APPLICANT: Hochgeschwender, Ute  
TITLE OF INVENTION: Method for Treatment of Insulin Resistance in Obesity and Diabetes  
FILE REFERENCE: 3718-7  
CURRENT APPLICATION NUMBER: US/09/953,349  
CURRENT FILING DATE: 2001-09-13  
PRIOR APPLICATION NUMBER: 60/232,292  
PRIOR FILING DATE: 2000-09-13  
NUMBER OF SEQ ID NOS: 8  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 1  
LENGTH: 5  
TYPE: PRT  
ORGANISM: Artificial sequence  
FEATURE:  
NAME/KEY: DOMAIN  
LOCATION: (1)..(5)  
OTHER INFORMATION: conserved region  
US-09-953-349-1

Query Match 100.0%; Score 16; DB 10; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
11  
DB 4 RW 5

RESULT 43  
US-09-821-831-42  
Sequence 42, Application US/09821831  
Patent No. US20020137188A1  
GENERAL INFORMATION:  
APPLICANT: Bartlett, Perry Francis  
APPLICANT: Coulson, Elizabeth Jane  
APPLICANT: Fieldew, Katrina  
APPLICANT: Baca, Manuel  
APPLICANT: Kilpatrick, Trevor  
APPLICANT: Suriandar, Cheema  
TITLE OF INVENTION: Method of Modulating Cell Survival and  
FILE REFERENCE: 3206 1001-000  
CURRENT APPLICATION NUMBER: US/09/821,831  
CURRENT FILING DATE: 2001-03-30  
PRIOR APPLICATION NUMBER: PCT/AU99/00860  
PRIOR FILING DATE: 1999-10-05  
PRIOR APPLICATION NUMBER: AU PQ0701  
PRIOR FILING DATE: 1999-06-01  
PRIOR APPLICATION NUMBER: AU PP6351

PRIOR FILING DATE: 1998-10-07  
PRIOR APPLICATION NUMBER: AU PP6353  
PRIOR FILING DATE: 1998-10-06  
NUMBER OF SEQ ID NOS: 72  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 42  
LENGTH: 5  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic peptides  
US-09-821-831-42

Query Match 100.0%; Score 16; DB 10; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
11  
DB 2 RW 3

RESULT 44  
US-08-484-409-29  
Sequence 29, Application US/08484409  
Patent No. US20020076412A1  
GENERAL INFORMATION:  
APPLICANT: Stelman, Lawrence  
APPLICANT: Zarniv, Scott  
TITLE OF INVENTION: METHODS FOR MODULATING THE IMMUNE SYSTEM  
NUMBER OF SEQUENCES: 52  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SEED and BERRY LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/484,409  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: Makl, David J.  
REGISTRATION NUMBER: 31,392  
REFERENCE/DOCKET NUMBER: 690068.409C1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 29:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4 amino acids  
TYPE: amino acid  
STRANDEDNESS:  
TOPOLOGY: linear  
US-08-484-409-29

Query Match 81.2%; Score 13; DB 8; Length 4;  
Best Local Similarity 50.0%; Pred. No. 1.3e+05;  
Matches 1; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
11  
DB 1 RW 2

RESULT 45  
US-10-165-015-10

```
; Sequence 10, Application US/10165015
; Publication No. US20030032594A1
; GENERAL INFORMATION:
; APPLICANT: PACT, Tech Transfer Office University of Lausanne
; APPLICANT: Bonny, Christophe
; TITLE OF INVENTION: INTRACELLULAR DELIVERY OF BIOLOGICAL EFFECTORS
; FILE REFERENCE: 20349-512 CIP
; CURRENT APPLICATION NUMBER: US/10/165,015
; CURRENT FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: 09/977,831
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/240,315
; PRIOR FILING DATE: 2000-10-13
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 10
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: TRANSPORTER
; OTHER INFORMATION: PEPTIDE
US-10-165-015-10
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Query Match      81.2%; Score 13; DB 9; Length 4;
Best Local Similarity 50.0%; Pred. No. 1.3e+05;
Matches 1; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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OY      1 RW 2
       :|
Db      3 KW 4
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RESULT 46
US-09-780-070-1
; Sequence 1, Application US/09780070
; Patent No. US2002009752A1
; GENERAL INFORMATION:
; APPLICANT: Burke, James
; APPLICANT: Stritmatter, Warren
; APPLICANT: Nagai, Yoshitaka
; TITLE OF INVENTION: COMPOUNDS THAT SELECTIVELY BIND TO EXPANDED POLYGLUTAMINE REPEAT
; FILE REFERENCE: 5405.242
; CURRENT APPLICATION NUMBER: US/09/780,070
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/189,781
; PRIOR FILING DATE: 2000-03-16
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: Patentln version 3.0
; SEQ ID NO 1
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Synthetic construct
US-09-780-070-1
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Query Match      81.2%; Score 13; DB 10; Length 4;
Best Local Similarity 50.0%; Pred. No. 1.3e+05;
Matches 1; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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OY      1 RW 2
       :|
Db      2 KW 3
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RESULT 47
US-09-780-070-2
; Sequence 2, Application US/09780070
; Patent No. US2002009752A1
; GENERAL INFORMATION:
; APPLICANT: Burke, James
; APPLICANT: Stritmatter, Warren
; APPLICANT: Nagai, Yoshitaka
```

```
; TITLE OF INVENTION: COMPOUNDS THAT SELECTIVELY BIND TO EXPANDED POLYGLUTAMINE REPE
; TITLE OF INVENTION: AND METHODS OF USE THEREOF
; FILE REFERENCE: 5405.242
; CURRENT APPLICATION NUMBER: US/09/780,070
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/189,781
; PRIOR FILING DATE: 2000-03-16
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: Patentln version 3.0
; SEQ ID NO 2
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Synthetic construct
US-09-780-070-2
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Query Match      81.2%; Score 13; DB 10; Length 4;
Best Local Similarity 50.0%; Pred. No. 1.3e+05;
Matches 1; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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OY      1 RW 2
       :|
Db      3 KW 4
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RESULT 48
US-09-854-204-66
; Sequence 66, Application US/09854204
; Patent No. US20020098236A1
; GENERAL INFORMATION:
; APPLICANT: Fischer, Peter Martin
; APPLICANT: Zhelev, Nikolai
; TITLE OF INVENTION: Transport Vectors
; FILE REFERENCE: CCI-010
; CURRENT APPLICATION NUMBER: US/09/854,204
; CURRENT FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 09/438,460
; PRIOR FILING DATE: 1999-11-12
; PRIOR APPLICATION NUMBER: GB 9825000.4
; PRIOR FILING DATE: 1998-11-13
; PRIOR APPLICATION NUMBER: GB 9825001.2
; PRIOR FILING DATE: 1998-11-13
; PRIOR APPLICATION NUMBER: GB 9902525.6
; PRIOR FILING DATE: 1999-02-04
; PRIOR APPLICATION NUMBER: GB 9902522.3
; PRIOR FILING DATE: 1999-02-04
; PRIOR APPLICATION NUMBER: GB 9914578.1
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: PCT/GB99/03750
; PRIOR FILING DATE: 1999-11-11
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 66
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: sequence
US-09-854-204-66
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Query Match      81.2%; Score 13; DB 10; Length 4;
Best Local Similarity 50.0%; Pred. No. 1.3e+05;
Matches 1; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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OY      1 RW 2
       :|
Db      1 KW 2
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RESULT 49
US-09-977-831-10
; Sequence 10, Application US/09977831
; Patent No. US20020120100A1
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; GENERAL INFORMATION:
; APPLICANT: PACITT, Tech Transfer Office University of Lausanne
; APPLICANT: Bonny, Christophe
; TITLE OF INVENTION: INTRACELLULAR DELIVERY OF BIOLOGICAL EFFECTORS
; FILE REFERENCE: 20349-512 Transporter peptides
; CURRENT APPLICATION NUMBER: US/09/977, 831
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: U.S.S.N. 60/240,315
; PRIOR FILING DATE: 2000-10-13
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 10
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: TRANSPORTER
; OTHER INFORMATION: PEPTIDE
US-09-977-831-10

```

```

Query Match      81.2%; Score 13; DB 10; Length 4;
Best Local Similarity 50.0%; Pred. NO. 1.3e+05;
Matches 1; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

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QY 1 RW 2
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Db 3 KW 4

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RESULT 50
US-10-105-930-57
; Sequence 57, Application US/10105930
; Publication No. US20030009018a1
; GENERAL INFORMATION:
; APPLICANT: Maeda, Masatsugu
; TITLE OF INVENTION: NOVEL HEMOPOLYMER RECEPTOR PROTEIN, NR12
; FILE REFERENCE: 06501-105051
; CURRENT APPLICATION NUMBER: US/10/105,930
; CURRENT FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER: PCT/JP00/06654
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: JP 2000-240397
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: JP 11-273358
; PRIOR FILING DATE: 1999-09-27
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 57
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-105-930-57

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Query Match      81.2%; Score 13; DB 9; Length 5;
Best Local Similarity 50.0%; Pred. NO. 1.3e+05;
Matches 1; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

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QY 1 RW 2
   : 1
Db 3 KW 4

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Search completed: February 21, 2003, 12:37:49  
 Job time : 32 secs